

Wei-Hsuan Wong

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WORK EXPERIENCE

ASUS, Taipei, Taiwan | Front-End Developer Jul. 2020 - Present

- Optimized a million-users application performance by redeveloping component's architecture with reduced load time.
- Worked closely with UI designers to enhance user experience by improving responsive interface using SCSS.
- Developed wireless keyboard features including monitoring power status and the real-time event of detachable Numpad and lighting effect which allows users to observe the status of devices.

Advantech, Taipei, Taiwan | Front-End Intern Jul. 2019 - Aug. 2019

- Leveraged Grafana's visualization platform with AngularJS and SVG.js in an Agile-Driven environment to create user-friendly panels for water treatment management dashboard
- Improved visualizing time-series data for infrastructure and application analytics
- Won Advantech's 2019 Summer Intern Award for excellence in team leadership and process improvements

Creatop, Taichung, Taiwan | Front-End Intern Jun. 2018 - Jul. 2018

- Utilized SCSS and Bootstrap to enhance responsiveness for a furniture company's website
- Partnered with UI designer and Back-End developer for the execution of database designs and visualization

EDUCATION

Stevens Institute of Technology, Hoboken, NJ Aug. 2018 - May. 2020

Master of Science in Computer Science, GPA: 3.84

Highline College, Des Moines, WA June. 2017 - June. 2018

Certificate in Back-End & Front-End Website Development, GPA: 3.97

National Kaohsiung Normal University, Taichung, Taiwan Sep. 2012 - June. 2016

Bachelor of Science in Mathematics

PROJECTS

TAIWANets | Professional Project July. 2020 - Present

- Created a platform built with React Native and Redux to connect with Taiwanese references who work in the USA.
- Collaborated with UI designers to conduct user research, discuss user story, create function map and define flowchart.
- Built a serverless REST API in Node.js with AWS Lambda, API Gateway, S3, Cognito and DynamoDB.

HeartTrade | COVID-19 Global Hackathon | Devpost Mar. 2020

- Implemented a geolocation-based daily necessities platform for improving the issue of the shortage of daily supplies.
- Contributed to implement posting and showing product requests on Google map using React Hooks, Context API.

PriCov | School Project | Stevens Institute of Technology Fall, 2019

- Built an application that visualized real-time products' data from E-Commerce website using D3.js, React.js, Apollo.
- Mined real-time product's using Python and Selenium, structured a GraphQL server with Node.js and Express.

Walker Bookstore | School Project | Stevens Institute of Technology Spring, 2019

- Created RESTful API with Express.js deployed in Google Cloud Platform, managed MongoDB database in Atlas.
- Implemented Responsive Web Design using CSS and Token-based authentication using JSON Web Token.

SKILLS

Front-End

- HTML
- CSS/SCSS
- JavaScript
- React.js/ Redux /React Native

- AngularJS
- D3.JS/ SVG.js
- Apollo
- Swift (iOS app)
- Java (Android app)

Back-End

- Node.js/ Express
- PHP
- Redis
- GraphQL
- MongoDB/ Mongoose

- Python/ Selenium
- Firebase
- AWS Lambda/ Cognito/ API Gateway/ DynamoDB